

Antiterrorism/Force Protection Shipboard Physical Security Equipment



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NAVSEA 04L4B
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Antiterrorism/Force Protection Shipboard Physical Security Equipment

Background

FY 99 Pre Cole NCIS/ OPNAV N34/ NAVSEA 04L4 Partnership to Manage

and Field AT/FP AEL Material to the Fleet.

- Three AT/FP AELs by Ship Class:
320024501 320024502 320024503
- These AELS supercedes all other Shipboard Physical Security AELs

FY 00 \$12M Provided to SEA 04L4 Outfitting to Procure FP Material on AT/FP AELs

FY 01 SEA 04L4/L Assisted NCIS/CLF in Development of AT/FP CVBG/ARG AEL Augment material.

- Battle Group Specific Material based on threat and environment
- Add to current AEL, or create Separate BTG AEL / APL
- Working ILS issues with ISEAs /PMS MOA's in progress with Crane, Carderock Det



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Background (Cont'd)

FY 01 Programmed Procurements (NSWC CRANE)

- Night Vision Devices (NVD) Upgrade to bring the Fleet to Generation IV Technology) [\$8M]
 - AN/PVS-7C (Goggles) AEL 0-006400411
 - AN/PVS-18 (Pocket Scope) AEL 0-00640A348
- MK4 Protected Voice Portable Communication System (PVPCS) Upgrade to Provide new Radios with “Hands Free” Operation [Approx. \$10M] Compatible with XTS 3000 and Hydra Radios

FY 02 AEL Augment Procured for GW CVBG/ARG and Additional Independent Deployers



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Additional AT/FP Items on Separate

AEL/APLS

Material

Status

- Handheld Explosive Detection Device (HHEDD) AEL 2-320024560
Funding at NSWC Crane to continue procurement and develop ILS plan
- Radios(XTS 3000/5000)
APL
00900A536
Funding at NSWC Crane to continue procurement and develop ILS plan
- Mobile X-Ray Unit*
Procurement on hold awaiting CFFC approval of allowance requirements
- Walkthrough Metal Detector
Procurement on hold awaiting CFFC approval of allowance requirement
- Baggage Scanners***
Procurement on hold awaiting CFFC approval of allowance requirement
- JP5 Generators****
Procurement on hold awaiting CFFC approval of allowance requirement

* **Note: Mobile X Ray units only be on AOE/AFG/ARS/CG/DD/DDG/FFG/AS/LPD/LSD/LCC-AELs 4501/502/503**

** **Note: Walk Thru Metal Detectors will not be on MCM/MHC/MCM SSN/SSBN AELs**

*****Note: Baggage Scanners will be on CV/CVN /LHA/LHD AELs only**

******Note: Portable JP5 Generators will not be on SSN/SSBN APL/AELs**



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AEL Technical ILS Issues

Item

Issue

- Zodiac Boats
 - Deleted from all AELs
 - CFFC Rotatable Pool for ships without RHIBS
- Pepper Foggers
 - Deleted from all AELs
 - Chemical formula in Host Nations
 - Gasoline issues
 - CFFC to send remove and disposition message to ships
- Yellow Floating Line
 - Deleted from CV/CVN AEL
- Tactical Vest
 - Deleted from SUBS AEL
 - COMSUBLANT/COMSUBPAC messages
DTG 190905Z NOV02/ 112309Z DEC 02
 - Advised SUBS to remove and send Tac- Vests to East/West Coast designations.
 - NAVSEA 04L to redistribute to other Fleet Units
 - CFFC/ATFPWDC gathering requirements for replacement vest for SUBS



Protection

Shipboard Physical Security

Equipment

Funding Profile

- **FY 01 Supplemental (O&MN)**
 - \$2.5M for AEL Augmentation (JFK & Payback for Zodiacs)
 - \$1.9M for Hand Held Explosive Detection Devices (HHEDs) (NSWC CRANE) Initial Buy
 - \$2.0M for Stand-up of MSF (Mobile Security Forces)
- **FY 02 Amended Budget (OPN)**
 - \$61.9M Authorization
 - \$1.2M 1% Congressional Reserve
 - \$5.0M PMS 325(RHIB Boats)
 - \$11.3M (Battle Groups AEL Augmentation)
 - \$18.0M HHEDS (NSWC CRANE)
 - \$16.0M BG Radios (NSWC CRANE)
 - **\$10.0M Total AT/FP Available Funding**

- **FY 03 (OPN)**

- \$2.0M AEL Augmentation



Protection

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Equipment

Funding Profile

- **FY 04 (OPN)**
 - FY 04-\$0.0

- **BAM O5 (OPN)**
 - FY 05-\$2.4M AEL Material
 - FY 06-\$200K AEL Material
 - FY 07-\$200K AEL Material
 - FY 08-\$5.6M AEL Material
 - FY 09-\$200K AEL Material
 - FY 10-\$200K AEL Material

New DEPSECDEF policy for Land Mobile Radios (LMR) operating land-side and providing an interoperability solution for ships using the XTS-3000 radios, mandates all LMR communications for 406-470 MHZ band move to the 308-399.99 MHZ band. Therefore the inventory of XTS 3000 radios (1350) will need to be replaced ,beginning in FY 08, with dual band radios that are capable of operating in the 380 as well as the 406 bands. Presently, new procurements for BG/ARG specify the new dual band radios ,which will begin shipping in the 3rdQT FY03.Estimated cost of replacement radios is \$5,400,000



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AT/FP AEL REQUISITIONING STATS BY TYCOM:

TYCOM	TOTAL HULLS	ORIGINAL AEL EQUIPMENT SHIPS REQUISITIONED AND NAVSEA PUSH*	AUGMENT AEL EQUIPMENT SHIPS REQUISITIONED**
AIRLANT	6	100%	73%
AIRPAC	7	100%	24%
SUBLANT	39	100%	79%
SUBPAC	37	100%	78%
SURFLANT	117	100%	85%
SURFPAC	86	100%	58%
SOCOM (PC)	12	100%	14%
TOTAL	304	100%	71%

* Pushed to ships in FY 00. Naval messages available for each ship.

**Requisitions numbers available for each ship. Ships required to order augment items

from ASI (NAVSEA MSG 260435Z FEB)



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Summary

- **Continue Dialogue with CFFC to Determine Actual Fleet Requirements**
 - Fleet Feedback on Current Items/Replacements
- **Define Future Funding Levels and Sources**
 - CAP 05 submit (OPN8 Outfitting) 17 Sept 02

POCs For AT/FP AEL issues

Funding

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Tactical Vest/Technical

John Haugh Comm: 202-863-3185 e-mail JHaugh@Logsup.com

AELs /Technical

Larry Peck Comm: 717-605-7099 e-mail PeckLR@navsea.navy.mil

NCIS/N34



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BACK UP SLIDES



Antiterrorism/Force Protection Shipboard Physical Security Equipment

Original
AT/FP AEL Augmentation

CVBG ARG

<u>DESCRIPTION</u>	<u>SOURCE</u>	<u>QTY</u>	<u>PRICE</u>	<u>TOTAL COST</u>
ZODIAC BOAT	SUPPLY SYSTEM	14	\$ 8,900.00	\$ 124,600.00
OUTBOARD MOTOR, 30 HP (GASOLINE)	BERNADEAN GANTT	14	\$3,500.00	\$ 49,000.00
HARD DECK KIT	SUPPLY SYSTEM	14	\$ 1,734.00	\$ 24,276.00
18 GALLON FUEL BLADDER	ZODIAC OF NORTH AMERICA INC	14	\$ 661.14	\$ 9,255.96
TRAUMA (BALLISTIC) PLATE	PROTECH ARMORED PRODUCTS	1027	\$ 200.00	\$ 205,400.00
10'X10' COLLAPSIBLE, PORTABLE TENT	K D KANOPY INC	32	\$ 543.96	\$ 17,406.72
3'X5' FOLDING TABLE	OFFICE DEPOT	32	\$ 26.39	\$ 844.48
WATERLINE SECURITY LIGHT, 1,500 W FLOODLIGHT	SKIERS EDGE & CYCLERY INC	150	\$ 39.85	\$ 5,977.50
VEHICLE INSPECTION MIRROR	SUNRISE BUSINESS PRODUCTS	32	\$ 65.10	\$ 2,083.20
YELLOW FLOATING LINE, 3/4" X 500' BRAID	PHOENIX ROPE & CORDAGE CO	77	\$ 80.20	\$ 6,175.40
YELLOW BUOYS	OBERT MARINE SUPPLY INC	162	\$ 12.50	\$ 2,025.00
ANCHOR, 18 LB, MUSHROOM	OBERT MARINE SUPPLY INC	162	\$ 24.09	\$ 3,902.58
WARNING SIGN, RESTRICTED KEEP OUT, 24" W X 45" H	SKIERS EDGE & CYCLERY INC	32	\$ 108.20	\$ 3,462.40
WARNING TAPE, RESTRICTED AREA KEEP OUT, 3" WIDE	EVERETT INDUST SUPPLY INC	562	\$ 5.00	\$ 2,810.00
VHF MARINE TRANSCEIVER WITH HAILER	ELECTRI CITY INC	28	\$ 349.29	\$ 9,780.12
VHF MARINE TRANSCEIVER WITHOUT HAILER	ELECTRI CITY INC	15	\$ 195.24	\$ 2,928.60
PORTABLE J P5 GENERATOR (DIESEL)	J OHN REINER & CO INC	28	\$ 2,000.00	\$ 56,000.00
PORTABLE WORK LIGHT	DIXIE ELECTRIC	28	\$ 41.50	\$ 1,162.00
TIRE SPIKE SET	PHOENIX INTERNATIONAL LTD V	32	\$ 336.08	\$ 10,754.56
MOBILE X-RAY UNIT, SCANMAX 25 W/ B/W MONITOR	SCANA MSC INC	6	\$ 12,400.00	\$ 74,400.00
XTS 3000 RADIOS	MOTOROLA	324	\$ 3,086.42	\$ 1,000,000.08



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Approved Additions/Replacements to AEL

- **AEL Allowances to be Provided by Normal ASI Distribution (ASI #317 - Release date 15 Feb 02).**

Waterline Security Lights	Dura Bull Barriers
Vehicle Inspection Mirror	Portable Work Lights**
Yellow Floating Lines*	Tire Spikes
Mushroom Anchors*	Yellow Buoys*
Clearing Barrels	10x10 Tents**
3x5 Folding Table**	Laser Range Finder
Knee Pads	Handheld Inspection Mirror
Swat Gloves	High Intensity Hand Held
Searchlight	

- **Requisitioning Guidelines Provided via Message (NAVSEA 260435Z FEB)**
- * **Note: Yellow Line, Buoys, Anchors will not be on CV/CVN/SSN/SSBN AELs**
- ** **Note: Barriers, Work Lights, Tents ,Tables will not be on SSN/SSBN AELs**



Antiterrorism/Force Protection Shipboard Physical Security

Tactical Vest

❖ ALSAFE Messages 221850Z; Jun 01; 171820Z; Aug 01; 211920Z Aug 01;

- Outline the safety concerns with the Force Protection Tactical Vest issued under Force Protection AEL'S 2-320024501/2/3(Manufacturer London Bridge Trading CO, model LBT 1620G-RH/LH BLK

Holster restraining strap disengages safety on firearm when weapon removed from holster

❖ ALSAFE Message 301445Z Nov 01;

- Manufacturer's fix to holster was tested and approved by NSWC Crane and approved fix was sent to all ships.
- Vest tested by UL found to be 2.5 lbs under Manufacturer's advertised buoyancy
- Manufacturer's fix to vest did bring buoyancy up to advertised amount plan is to send out by 1Jan 02



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Tactical Vest

❖ ALSAFE Message 102000Z JAN02;

- Tactical Vest Holster and Buoyancy Testing completed
- Buoyancy modification brings the LBT 1620A-G series vest up to manufacture's advertised buoyancy. However vest is not approved substitute or authorized (PFD)
- Holster and Buoyancy modification kits are the only authorized mod kits for the LBT 1620G
- Manufacturer has provided both mod kits with new label to replace old label. New label will read "LBT1620G-R"
- Kits have been delivered to ships according FLTCINC priorities



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❖ USS PETERSON MIR 121850Z DEC 01

- NAVSAFCEN requests Strobe Light, Reflective tape and Whistle be added to vest
- NAVSEA 04/05/CNO N34 NCIS Non concur-Tac Vest is for stealth

❖ USS PETERSON MIR Recommendations 261440Z AUG 02

- NAVSEA develop and test suitable Tactical Vest and approved PFD
for use by security teams.
- NAVSEA provide strobe lights, whistles and dye markers for all
boarding parties and security teams.

❖ COMNAVSEASYS COM 280438Z OCT 02

- NAVSEA /NCIS has initiated IPT process team to address Fleet requirements for suitable replacement for the Tactical

Vest

- NAVSEA does not concur with adding strobes, whistles, Dye Markers to



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COMFLTFORCOM 251951Z FEB 03

- LBT 1620G-R vest has been UL/Coast Guard approved as a Type 5 PFD
- Tactical Vest only one authorized by CFFC for AT/FP and VBSS missions
- NAVSEA has directed SEALOG to remove allowances for Tactical Vest on all SSN/SSBN